

Abstract

The invention relates to a lubricating oil composition with good frictional properties, said composition comprising a lubricating oil and at least one additive having friction-reducing properties. Said composition is characterised in that the additive with friction-reducing properties is a block copolymer comprising hydrophobic segments P and polar segments D. Said hydrophobic segments are obtained by polymerisation of monomer compositions comprising a) between 0 and 40 wt. %, in relation to the weight of the monomer compositions for producing the hydrophobic segments, of at least one ethylenically unsaturated ester compound of formula (I) wherein R represents hydrogen or methyl, R^1 represents a linear or branched alkyl radical comprising between 1 and 5 carbon atoms, and R^2 and R^3 independently represent hydrogen or a group of formula $-COOR'$ wherein R' represents hydrogen or an alkyl group containing between 1 and 5 carbon atoms.